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613SS2



Actual product appearance may vary.

613SS Series Unipolar Hall-Effect Digital Position Sensor; dual output; 4 -pin DIP IC

Potential Applications

Speed and RPM sensor
Brushless DC motor commutation
Motor and fan control
Magnetic encoding
Tachometer, counter pickup
Disc speed, tape rotation sensing
Flow-rate sensing

Supporting Documentation

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Product Specifications	
Product Type	Hall - Effect Digital Position Sensor IC
Package Style	PCB DIP IC
Supply Voltage	6.0 Vdc to 16.0 Vdc
Output Type	Sink
Termination Type	PC Board
Magnetic Actuation Type	Unipolar
Operating Temperature Range	-40 °C to 150 °C [-40 °F to 302 °F]
Storage Temperature	-40 °C to 150 °C [-640 °F to 302 °F]
Output Voltage	0.4 Vdc max.
Switching Time Rise (10 % to 90 %)	1.5 μ s max.
Switching Time Fall (90 % to 10 %)	0.5 μ s max.
Availability	Global
Supply Current (max. @ 25 °C)	10 mA
Output Current (max.)	10 mA per output
Operate Point @ 25 °C	60.0 mT [600 G] max.
Release Point @ 25 °C	5.0 mT [50 G] min.
Leakage Current max.	10 μ A
Differential	4.0 mT [40 G] min.
Series Name	6SS

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